

# MMWR

MORBIDITY AND MORTALITY WEEKLY REPORT

January 17, 1986 / Vol. 35 / No. 2

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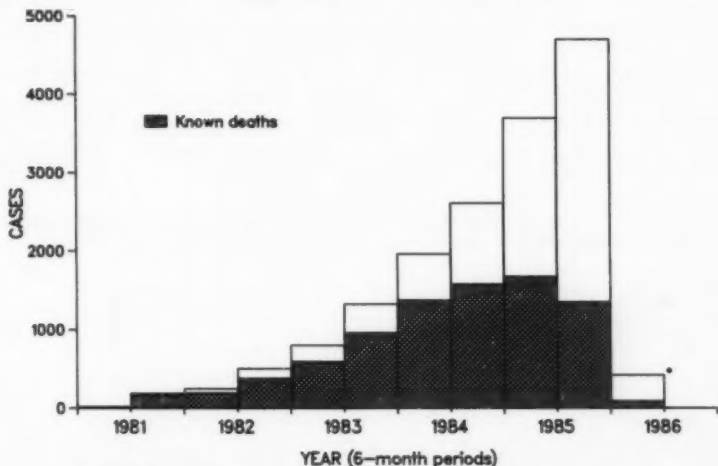
## Current Trends

### Update: Acquired Immunodeficiency Syndrome — United States

Between June 1, 1981, and January 13, 1986, physicians and health departments in the United States notified CDC of 16,458 patients (16,227 adults and 231 children) meeting the acquired immunodeficiency syndrome (AIDS) case definition for national reporting (1-3). Of these, 8,361 (51% of the adults and 59% of the children) are reported to have died, including 71% of patients diagnosed before July 1984. The number of cases reported each 6-month period continues to increase (Figure 1), although not exponentially, as evidenced by the lengthening case-doubling times (Table 1). Cases have been reported from all 50 states, the District of Columbia, and three U.S. territories.

**Adult patients.** Among adult AIDS patients, 60% were white; 25%, black; and 14%, Hispanic. Ninety percent were 20-49 years old, and 93% were men. Although the race, age, and sex distribution of adult AIDS patients has remained relatively constant over time, significant changes have occurred in the distribution of specific diseases reported. *Pneumocystis*

FIGURE 1. Acquired immunodeficiency syndrome cases and known deaths, by 6-month period of report to CDC — United States, through January 13, 1986



\*Data incomplete.

*AIDS - Continued*

*carinii* pneumonia (PCP) continues to be the most common opportunistic infection reported among AIDS patients, accounting for 43% of reported opportunistic diseases; incidence of PCP continues to increase relative to other reported opportunistic diseases among AIDS patients ( $p < 0.0001$ ). PCP accounted for 35% of the diagnosed AIDS-associated diseases before January 1984 and 47% of those diagnosed from January 1985 to December 1985. The increase in PCP was associated with a decrease in Kaposi's sarcoma (KS), the second most common AIDS-associated opportunistic disease. Before December 1984, KS accounted for 21% of reported diagnoses; between January 1985 and December 1985, KS accounted for 13% of reported diagnoses. Among all AIDS patients, 63% have been diagnosed with PCP; 24%, with KS; 14%, with candida esophagitis; 7%, with cytomegalovirus (CMV) infections; 7%, with cryptococcosis; 4%, with chronic herpes simplex; 4%, with cryptosporidiosis; 3%, with toxoplasmosis; and 3%, with other opportunistic diseases only. These values tend to underestimate the number of diseases diagnosed in a given patient, because health-care providers frequently do not provide follow-up information on diseases that occur after the case has initially been reported.

A total of 15,243 (94%) AIDS patients can be placed in groups\* that suggest a possible means of disease acquisition: men with homosexual or bisexual orientation who have histories of using intravenous (IV) drugs (8% of cases); homosexual or bisexual men who are not known IV drug users (65%); heterosexual IV drug users (17%); persons with hemophilia (1%); heterosexual sex partners of persons with AIDS or at risk for AIDS (1%); and recipients of transfused blood or blood components (2%). The remaining 984 (6%) have not been classified by recognized risk factors for AIDS.

AIDS patients reported as not belonging to recognized risk groups are investigated by local health officials to determine if possible risk factors exist. Since 1981, 1,206 AIDS patients reported to CDC were initially identified on the original case report form as not belonging to a risk group. Of these individuals, 398 were from countries where heterosexual transmission may account for many AIDS cases. Of the remaining 808, information was incomplete on 178 patients due to: death (116), refusal to be interviewed (24), or loss to follow-up (38). Two hundred ninety-seven cases are still under investigation. Interviews or other follow-up information were available on the remaining 333 patients. Based on this information, risk factors were ultimately identified in 197 (59%) individuals; 25 (8%) were found not to meet the criteria of the surveillance definition for AIDS and no risk was identified on 111 (33%) AIDS patients. In interviews of the 111 patients for whom no risk was identified, 39 (35%) gave

\*Patient groups are hierarchically ordered; patients with multiple risk factors are tabulated only in the group listed first.

TABLE 1. Acquired immunodeficiency syndrome cases, by date of report and doubling time — United States, through January 13, 1986

| Cumulative cases reported | Date           | Doubling time (months) |
|---------------------------|----------------|------------------------|
| 129                       | September 1981 | —                      |
| 257                       | February 1982  | 5                      |
| 514                       | July 1982      | 5                      |
| 1,029                     | January 1983   | 6                      |
| 2,057                     | August 1983    | 7                      |
| 4,115                     | April 1984     | 8                      |
| 8,229                     | February 1985  | 10                     |
| 16,458                    | January 1986   | 11                     |

*AIDS — Continued*

histories of gonorrhea and/or syphilis, indicating that these AIDS patients were at risk for other sexually transmitted infections. Of 57 men interviewed, 15 (26%) gave histories of sexual contact with a female prostitute.

Reported cases have increased in all patient groups (Table 2). The relative proportion of AIDS cases among most risk groups has remained stable (Table 3). The proportion of AIDS cases associated with blood transfusions has increased from 1% to 2% ( $p = 0.015$ ). Due to the long period between infection with human T-lymphotropic virus type III/lymphadenopathy-associated virus (HTLV-III/LAV) and development of AIDS, the impact of serologic screening of blood donations and deferral of those at increased risk cannot be expected to be reflected yet in national AIDS reporting. In the groups not classified by recognized risk factors, the proportion of AIDS patients born outside the United States has declined from 4% to 2% ( $p < 0.0001$ ).

**Pediatric patients.** Among 231 AIDS patients under 13 years old, 19% were white; 60%, black; and 20%, Hispanic. Fifty-five percent were male. Fifty-eight percent were diagnosed with PCP; 19%, with disseminated CMV; 15%, with candida esophagitis; 6%, with cryptosporidiosis; 4%, with KS; and 22%, with other opportunistic diseases only. One hundred seventy-four (75%) pediatric patients came from families in which one or both parents had AIDS or were at increased risk for developing AIDS; 33 (14%) had received transfusions of blood or blood components before onset of illness, and 11 (5%) had hemophilia. Risk-factor information on the parents of the 13 (6%) remaining cases is incomplete. Although 57% of pediatric patients have been reported within the last year, 72% were actually diagnosed before 1985. Pediatric patients have been reported from 23 states, Washington, D.C., and Puerto Rico; cases reported per state ranged from one to 91 (median three). Seventy-five percent of the cases have been reported from New York, Florida, New Jersey, and California.

*Reported by State and Territorial Epidemiologists; AIDS Program, Center for Infectious Diseases, CDC.*

**TABLE 2. Acquired immunodeficiency syndrome cases reported by year and yearly percent increases, by patient group — United States, through January 13, 1986**

| Patient group                             | Before<br>1/14/82 | 1/14/82-<br>1/13/83 |          | 1/14/83-<br>1/13/84 |          | 1/14/84-<br>1/13/85 |          | 1/14/85-<br>1/13/86 |          | Total  |
|---|-------------------|---------------------|----------|---------------------|----------|---------------------|----------|---------------------|----------|--------|
|   | No.               | No.                 | (% Inc)* | No.                 | (% Inc)* | No.                 | (% Inc)* | No.                 | (% Inc)* |        |
| <b>Adult</b>                              |                   |                     |          |                     |          |                     |          |                     |          |        |
| Homosexual/bisexual men and IV drug users | 16                | 66                  | (312.5)  | 211                 | (219.7)  | 418                 | (98.1)   | 599                 | (43.3)   | 1,310  |
| Homosexual/bisexual men not IV drug users | 178               | 473                 | (165.7)  | 1,341               | (183.5)  | 2,939               | (119.2)  | 5,669               | (92.9)   | 10,800 |
| IV drug users                             | 22                | 138                 | (527.3)  | 392                 | (184.1)  | 785                 | (100.3)  | 1,429               | (82.0)   | 2,766  |
| Hemophilia patients                       | 0                 | 7                   | (0.0)    | 10                  | (42.9)   | 38                  | (280.0)  | 69                  | (81.6)   | 124    |
| Heterosexual contacts                     | 1                 | 10                  | (900.0)  | 18                  | (80.0)   | 53                  | (194.4)  | 100                 | (88.7)   | 182    |
| Transfusion recipients                    | 0                 | 6                   | (0.0)    | 28                  | (366.7)  | 56                  | (100.0)  | 171                 | (205.4)  | 261    |
| None of the above/other:                  |                   |                     |          |                     |          |                     |          |                     |          |        |
| No identified risks;                      | 3                 | 28                  | (833.3)  | 76                  | (171.4)  | 131                 | (72.4)   | 348                 | (165.6)  | 586    |
| Born outside U.S.†                        | 7                 | 48                  | (585.7)  | 85                  | (77.1)   | 114                 | (34.1)   | 144                 | (28.3)   | 398    |
| <b>Subtotal</b>                           | 227               | 776                 | (241.9)  | 2,161               | (178.5)  | 4,534               | (109.8)  | 8,529               | (88.1)   | 16,227 |
| <b>Pediatric</b>                          | 0                 | 16                  | (0.0)    | 35                  | (118.8)  | 48                  | (37.1)   | 132                 | (175.0)  | 231    |
| <b>TOTAL</b>                              | 227               | 792                 | (248.9)  | 2,196               | (177.3)  | 4,582               | (108.7)  | 8,661               | (89.0)   | 16,458 |

\*Percent increase.

†Includes persons born in countries in which most AIDS cases have not been associated with known risk factors.

*AIDS - Continued*

**Editorial Note:** The incidence of AIDS continues to increase. In 1982, 747 cases were reported; in 1983, 2,124 were reported (a 184% increase); in 1984, 4,569 were reported (a 115% increase); and in 1985, 8,406 were reported (an 84% increase). From analyses of past trends, further increases are expected for 1986; however, the percentage increase in 1986 is likely to be smaller than that noted in 1985.

The number of AIDS cases that have not been classified into previously identified risk groups is not increasing proportionately faster than the number of cases in identified risk groups. Past experience would suggest that many cases currently under investigation will be reclassified.

Currently reported AIDS cases have resulted from HTLV-III/LAV exposure up to 7 years before diagnosis (4); the possibility of longer incubation periods cannot be excluded. Since HTLV-III/LAV infection persists in an individual, persons previously infected continue to remain at risk for developing AIDS. Due to the long period between infection and development of AIDS, transfusion-associated cases are expected to continue (4). However, voluntary donor deferral by those at increased risk for AIDS and serologic testing of donated blood and plasma for HTLV-III/LAV antibody—implemented in March 1983 and spring 1985, respectively—have greatly reduced the potential for HTLV-III/LAV transmission through transfusion (4-6).

The increase in previously diagnosed pediatric AIDS cases reported within the past year reflects improved reporting as well as inclusion in the case definition of histologically confirmed

**TABLE 3. Distribution by patient group of reported acquired immunodeficiency syndrome cases, by date of report — United States, through January 13, 1986**

| Patient group  | Before<br>1/14/84 |                | 1/14/84-<br>1/13/85 |                | 1/14/85-<br>1/13/86 |                | Total         |                |
|--|-------------------|----------------|---------------------|----------------|---------------------|----------------|---------------|----------------|
|  | No.               | (%)            | No.                 | (%)            | No.                 | (%)            | No.           | (%)            |
| <b>Adult</b>   |                   |                |                     |                |                     |                |               |                |
| Homosexual/bisexual men<br>and IV drug users         | 293               | (9.3)          | 418                 | (9.2)          | 599                 | (7.0)          | 1,310         | (8.1)          |
| Homosexual/bisexual<br>men not IV drug users         | 1,992             | (63.0)         | 2,939               | (64.8)         | 5,669               | (66.5)         | 10,600        | (65.3)         |
| IV drug users  | 552               | (17.4)         | 785                 | (17.3)         | 1,429               | (16.8)         | 2,766         | (17.0)         |
| Hemophilia patients                                  | 17                | (0.5)          | 38                  | (0.8)          | 69                  | (0.8)          | 124           | (0.8)          |
| Heterosexual contacts                                | 29                | (0.9)          | 53                  | (1.2)          | 100                 | (1.2)          | 182           | (1.1)          |
| Transfusion recipients                               | 34                | (1.1)          | 56                  | (1.2)          | 171                 | (2.0)          | 261           | (1.6)          |
| None of the above/other:                             |                   |                |                     |                |                     |                |               |                |
| No identified risks:                                 | 107               | (3.4)          | 131                 | (2.9)          | 348                 | (4.1)          | 586           | (3.6)          |
| Born outside U.S.*                                   | 140               | (4.4)          | 114                 | (2.5)          | 144                 | (1.7)          | 398           | (2.5)          |
| <b>Subtotal</b>                                      | <b>3,164</b>      | <b>(100.0)</b> | <b>4,534</b>        | <b>(100.0)</b> | <b>8,529</b>        | <b>(100.0)</b> | <b>16,227</b> | <b>(100.0)</b> |
| <b>Pediatric</b>                                     |                   |                |                     |                |                     |                |               |                |
| Parent with AIDS<br>or at increased<br>risk for AIDS | 38                | (74.5)         | 40                  | (83.3)         | 97                  | (73.5)         | 175           | (75.8)         |
| Hemophilia patients                                  | 3                 | (5.9)          | 1                   | (2.1)          | 7                   | (5.3)          | 11            | (4.8)          |
| Transfusion recipients                               | 6                 | (11.8)         | 6                   | (12.5)         | 21                  | (15.9)         | 33            | (14.3)         |
| None of the above/other                              | 4                 | (7.8)          | 1                   | (2.1)          | 7                   | (5.3)          | 12            | (5.2)          |
| <b>Subtotal</b>                                      | <b>51</b>         | <b>(100.0)</b> | <b>48</b>           | <b>(100.0)</b> | <b>132</b>          | <b>(100.0)</b> | <b>231</b>    | <b>(100.0)</b> |
| <b>TOTAL</b>   | <b>3,215</b>      | <b>(100.0)</b> | <b>4,582</b>        | <b>(100.0)</b> | <b>8,661</b>        | <b>(100.0)</b> | <b>16,458</b> | <b>(100.0)</b> |

\*Includes persons born in countries in which most AIDS cases have not been associated with known risk factors.

**AIDS—Continued**

diagnoses of chronic lymphoid interstitial pneumonitis in children under 13 years of age (3). Since most pediatric AIDS cases result from perinatal transmission of HTLV-III/LAV, the race/ethnicity and geographic distribution of pediatric AIDS patients is similar to that of reported AIDS cases among adult females.

Planned prospective studies of incidence and prevalence of HTLV-III/LAV infection should determine whether current reports of patients meeting the AIDS case definition for national reporting accurately reflect the distribution of infected persons. Persons meeting the AIDS case definition are only a small percentage of all persons infected with HTLV-III/LAV (7). CDC uses the existing case definition for surveillance purposes, because other manifestations of HTLV-III/LAV infection are less specific and less likely to be consistently reported nationally.

**References**

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### **Need for Malaria Prophylaxis by Travelers to Areas With Chloroquine-Resistant *Plasmodium falciparum***

On April 12, 1985, new recommendations for malaria prophylaxis were published by CDC in response to evidence that weekly use of pyrimethamine/sulfadoxine (Fansidar®) for malaria prophylaxis was associated with fatal cutaneous reactions in 1/18,000 to 1/26,000 users (1). These revised recommendations emphasized the weekly use of chloroquine or amodiaquine as the mainstay of chemoprophylaxis and suggested that the weekly prophylactic use of Fansidar® be limited to travelers at very high risk of exposure to chloroquine-resistant *Plasmodium falciparum*, mainly longer-term travelers to eastern and central Africa. It was further recommended that short-term (3 weeks or less) travelers to areas with chloroquine-resistant *P. falciparum* carry three tablets (adult dose) of Fansidar® to take presumptively in the event of a febrile illness when professional medical care is not readily available. Finally, the importance of personal protection from mosquito contact by use of insect repellants, insect sprays, nets, and screens was stressed.

To date, 60 cases of *P. falciparum* infection have been reported to CDC, with onset of illness in 1985 among U.S. travelers who acquired their infection in Kenya, where chloroquine-resistant *P. falciparum* is widely prevalent. Review of the preventive measures taken by these 60 persons revealed that chemoprophylaxis had been used by 46 (77%). Thirty-nine (65%) persons had used chloroquine alone weekly for prophylaxis. Weekly prophylaxis with Fansidar® and chloroquine had been used by seven (12%). Of concern is that only four (24%) of 17 malaria patients investigated who had traveled to Kenya after April 1985 were aware of the

**Malaria Prophylaxis — Continued**

recommendation for presumptive treatment with Fansidar®. Furthermore, only seven (41%) of these 17 had used insect repellants.

The current recommendations are more complicated than before because they reflect an effort to balance the risks and benefits of prophylactic regimens for travelers to various areas. It is essential that health-care providers and travelers consider the possibility that a febrile illness may be malaria, even when chloroquine prophylaxis has been used. Further, it is important that the three-tablet adult treatment dosage of Fansidar® and the indications for its use are explained thoroughly to travelers because responsibility is placed on them to recognize a potential malaria infection and, if necessary, treat themselves while abroad.

The current CDC guidelines for malaria prophylaxis for travelers (1,2) contain detailed recommendations for travelers to different destinations, taking into account the risk of malaria infection. Health-care providers are encouraged to report all malaria patients to state and local health departments, with particular attention to travel histories and chemoprophylaxis. CDC continues to monitor both the level of implementation of the current recommendations and their effect on the occurrence of *P. falciparum* infections in U.S. travelers.

(Continued on page 27)

**TABLE I. Summary—cases specified notifiable diseases, United States**

| Disease   | 2nd Week Ending |               |                  | Cumulative, 2nd Week Ending |               |                  |
|---|-----------------|---------------|------------------|-----------------------------|---------------|------------------|
|   | Jan. 11, 1986   | Jan. 12, 1985 | Median 1981-1985 | Jan. 11, 1986               | Jan. 12, 1985 | Median 1981-1985 |
| Acquired Immunodeficiency Syndrome (AIDS)       | 330             | 86            | N                | 507                         | 153           | N                |
| Aseptic meningitis                              | 93              | 81            | 89               | 153                         | 127           | 167              |
| Encephalitis: Primary (arthropod-borne & unsp.) | 17              | 10            | 13               | 25                          | 21            | 26               |
| Post-infectious                                 | -               | 1             | -                | -                           | 5             | 2                |
| Gonorrhea: Civilian                             | 14,607          | 14,845        | 18,014           | 25,784                      | 25,700        | 36,179           |
| Military  | 278             | 378           | 648              | 428                         | 568           | 1,017            |
| Hepatitis: Type A                               | 286             | 313           | 329              | 543                         | 546           | 630              |
| Type B  | 340             | 355           | 355              | 663                         | 621           | 621              |
| Non A, Non B                                    | 50              | 63            | N                | 94                          | 110           | N                |
| Unspecified                                     | 73              | 60            | 127              | 132                         | 120           | 217              |
| Legionellosis                                   | 13              | 14            | N                | 19                          | 21            | N                |
| Leprosy   | 13              | -             | 2                | 13                          | 5             | 6                |
| Measles   | 6               | 9             | 9                | 13                          | 13            | 21               |
| Measles: Total*                                 | 27              | 7             | 7                | 27                          | 15            | 16               |
| Indigenous                                      | 25              | 3             | N                | 25                          | 10            | N                |
| Imported  | 2               | 4             | N                | 2                           | 5             | N                |
| Meningococcal infections: Total                 | 58              | 36            | 54               | 89                          | 65            | 96               |
| Civilian  | 56              | 36            | 54               | 88                          | 65            | 96               |
| Military  | -               | -             | -                | 1                           | -             | -                |
| Mumps   | 47              | 49            | 75               | 56                          | 77            | 121              |
| Pertussis                                       | 25              | 32            | 19               | 47                          | 39            | 31               |
| Rubella (German measles)                        | 5               | 3             | 12               | 6                           | 9             | 26               |
| Syphilis (Primary & Secondary): Civilian        | 357             | 412           | 581              | 634                         | 686           | 1,137            |
| Military  | 6               | 6             | 6                | 7                           | 9             | 16               |
| Toxic Shock syndrome                            | 4               | 8             | N                | 9                           | 12            | N                |
| Tuberculosis                                    | 231             | 234           | 311              | 372                         | 375           | 563              |
| Tularemia                                       | 3               | 7             | 1                | 3                           | 7             | 3                |
| Typhoid fever                                   | 8               | 2             | 11               | 7                           | 5             | 15               |
| Typhus fever, tick-borne (RMSF)                 | 2               | 1             | 1                | 2                           | 1             | 3                |
| Rabies, animal                                  | 99              | 70            | 77               | 119                         | 122           | 150              |

**TABLE II. Notifiable diseases of low frequency, United States**

|                                    | Cum 1986 |  | Cum 1986 |
|------------------------------------|----------|--|----------|
| Anthrax                            | -        | Leptospirosis (Hawaii 2)                   | 4        |
| Botulism: Foodborne                | -        | Plague                                     | -        |
| Infant (Calif. 1)                  | 2        | Polioymyelitis, Paralytic                  | -        |
| Other                              | -        | Psittacosis                                | -        |
| Brucellosis (Ala. 1)               | 1        | Rabies, human                              | -        |
| Cholera                            | -        | Tetanus                                    | 1        |
| Congenital rubella syndrome        | 1        | Trichinosis                                | -        |
| Congenital syphilis, ages < 1 year | -        | Typhus fever, flea-borne (endemic, murine) | -        |
| Diphtheria                         | -        |  |          |

\*One of the 27 reported cases for this week was imported from a foreign country or can be directly traceable to a known internationally imported case within two generations.

TABLE III. Cases of specified notifiable diseases, United States, weeks ending  
January 11, 1986 and January 12, 1985 (2nd Week)

| Reporting Area   | AIDS        | Aseptic<br>Mening-<br>itis | Encephalitis |                      | Gonorrhea<br>(Civilian) |             | Hepatitis (Viral), by type |      |        |                  | Legionel-<br>losis | Leprosy     |
|------------------|-------------|----------------------------|--------------|----------------------|-------------------------|-------------|----------------------------|------|--------|------------------|--------------------|-------------|
|                  |             |                            | Primary      | Post-in-<br>fectious |                         |             | A                          | B    | NA, NB | Unspec-<br>ified |                    |             |
|                  | Cum<br>1986 | 1986                       | Cum<br>1986  | Cum<br>1986          | Cum<br>1986             | Cum<br>1985 | 1986                       | 1986 | 1986   | 1986             | 1986               | Cum<br>1986 |
| UNITED STATES    | 507         | 93                         | 25           | -                    | 25,784                  | 25,700      | 285                        | 340  | 50     | 73               | 13                 | 13          |
| NEW ENGLAND      | 13          | 7                          | -            | -                    | 516                     | 961         | 6                          | 34   | -      | 3                | -                  | -           |
| Maine            | -           | 1                          | -            | -                    | 26                      | 35          | -                          | 2    | -      | -                | -                  | -           |
| N.H.             | -           | 1                          | -            | -                    | 10                      | 25          | -                          | -    | -      | -                | -                  | -           |
| Vt.              | -           | -                          | -            | -                    | 7                       | 9           | -                          | -    | -      | -                | -                  | -           |
| Mass.            | 9           | 2                          | -            | -                    | 172                     | 249         | 6                          | 28   | -      | 3                | -                  | -           |
| R.I.             | 2           | 3                          | -            | -                    | 55                      | 91          | -                          | 4    | -      | -                | -                  | -           |
| Conn.            | 2           | -                          | -            | -                    | 240                     | 552         | -                          | -    | -      | -                | -                  | -           |
| MID ATLANTIC     | 210         | 28                         | 4            | -                    | 4,632                   | 3,072       | 36                         | 38   | 4      | 4                | -                  | -           |
| Upstate N.Y.     | 17          | 12                         | 2            | -                    | 279                     | 911         | 22                         | 9    | 1      | 2                | -                  | -           |
| N.Y. City        | 144         | 1                          | 1            | -                    | 3,102                   | 1,319       | 1                          | 1    | -      | -                | -                  | -           |
| N.J.             | 33          | 7                          | -            | -                    | 308                     | 363         | 4                          | 8    | 1      | 1                | -                  | -           |
| Pa.              | 16          | 8                          | 1            | -                    | 943                     | 1,390       | 9                          | 20   | 2      | 1                | -                  | -           |
| E.N. CENTRAL     | 23          | 10                         | 7            | -                    | 3,626                   | 2,870       | 10                         | 25   | 2      | 1                | 4                  | -           |
| Ohio             | 18          | 4                          | 5            | -                    | 911                     | 943         | 2                          | 6    | -      | -                | -                  | -           |
| Ind.             | 4           | -                          | -            | -                    | 565                     | 249         | 3                          | -    | -      | -                | -                  | -           |
| Ill.             | -           | -                          | -            | -                    | 511                     | 697         | -                          | -    | -      | -                | -                  | -           |
| Mich.            | 1           | 6                          | 2            | -                    | 1,379                   | 906         | 4                          | 19   | 2      | 1                | 4                  | -           |
| Wis.             | -           | -                          | -            | -                    | 260                     | 75          | -                          | -    | -      | -                | -                  | -           |
| W.N. CENTRAL     | 10          | 1                          | -            | -                    | 1,505                   | 1,651       | 12                         | 8    | 1      | -                | 2                  | -           |
| Minn.            | 5           | -                          | -            | -                    | 289                     | 166         | -                          | -    | -      | -                | -                  | -           |
| Iowa             | -           | -                          | -            | -                    | 216                     | 145         | 1                          | -    | -      | -                | 1                  | -           |
| Mo.              | 3           | -                          | -            | -                    | 690                     | 761         | 2                          | 2    | 1      | -                | -                  | -           |
| N. Dak.          | 1           | -                          | -            | -                    | 22                      | 7           | -                          | -    | -      | -                | -                  | -           |
| S. Dak.          | -           | -                          | -            | -                    | 21                      | 35          | -                          | -    | -      | -                | 1                  | -           |
| Nebr.            | -           | -                          | -            | -                    | 15                      | 120         | 1                          | 3    | -      | -                | -                  | -           |
| Kans.            | 1           | 1                          | -            | -                    | 252                     | 417         | 1                          | 3    | -      | -                | -                  | -           |
| S. ATLANTIC      | 48          | 16                         | 5            | -                    | 4,814                   | 5,942       | 9                          | 47   | 12     | 4                | 2                  | -           |
| Del.             | 3           | 2                          | -            | -                    | 130                     | 123         | 2                          | 1    | 1      | 1                | -                  | -           |
| Md.              | 8           | 7                          | 3            | -                    | 897                     | 684         | 3                          | 5    | 5      | 1                | -                  | -           |
| D.C.             | 9           | 1                          | -            | -                    | 511                     | 461         | -                          | 6    | -      | -                | -                  | -           |
| W.Va.            | -           | 2                          | -            | -                    | 525                     | 686         | -                          | 4    | 1      | 1                | 2                  | -           |
| W. Va.           | -           | -                          | -            | -                    | 88                      | 111         | 1                          | 2    | -      | 1                | -                  | -           |
| N.C.             | 2           | 3                          | 2            | -                    | 673                     | 902         | 1                          | 14   | -      | -                | -                  | -           |
| S.C.             | 2           | -                          | -            | -                    | 837                     | 921         | -                          | 6    | 2      | -                | -                  | -           |
| Ga.              | -           | 1                          | -            | -                    | -                       | -           | 2                          | 6    | 2      | -                | -                  | -           |
| Fla.             | 24          | -                          | -            | -                    | 1,153                   | 1,854       | -                          | 3    | 1      | -                | -                  | -           |
| E.S. CENTRAL     | 3           | 15                         | 4            | -                    | 2,140                   | 2,075       | 3                          | 59   | 5      | 1                | 1                  | -           |
| Ky.              | 3           | 1                          | -            | -                    | 269                     | 213         | 1                          | 4    | 1      | -                | -                  | -           |
| Tenn.            | -           | 2                          | -            | -                    | 906                     | 1,107       | 1                          | 20   | 4      | -                | -                  | -           |
| Ala.             | -           | 12                         | 4            | -                    | 302                     | 555         | 1                          | 35   | -      | 1                | 1                  | -           |
| Miss.            | -           | -                          | -            | -                    | 643                     | 200         | -                          | -    | -      | -                | -                  | -           |
| W.S. CENTRAL     | 51          | -                          | -            | -                    | 3,045                   | 4,177       | -                          | 3    | -      | 2                | -                  | -           |
| Ark.             | 4           | -                          | -            | -                    | 288                     | 408         | -                          | 3    | -      | -                | -                  | -           |
| La.              | 4           | -                          | -            | -                    | 689                     | 802         | -                          | -    | -      | -                | -                  | -           |
| Okl.             | 2           | -                          | -            | -                    | 444                     | 465         | -                          | -    | -      | 1                | -                  | -           |
| Tex.             | 41          | -                          | -            | -                    | 1,644                   | 2,502       | -                          | -    | -      | 1                | -                  | -           |
| MOUNTAIN         | 7           | 3                          | 1            | -                    | 893                     | 939         | 22                         | 20   | 6      | 4                | 1                  | -           |
| Mont.            | 1           | -                          | -            | -                    | 29                      | 34          | 2                          | 1    | -      | 1                | -                  | -           |
| Idaho            | -           | -                          | -            | -                    | -                       | 21          | -                          | 1    | -      | -                | -                  | -           |
| Wyro.            | -           | -                          | -            | -                    | 18                      | 16          | -                          | -    | -      | 1                | -                  | -           |
| Colo.            | 2           | 1                          | -            | -                    | 266                     | 304         | 3                          | 3    | -      | 1                | -                  | -           |
| N. Mex.          | -           | -                          | -            | -                    | 74                      | 122         | 3                          | 6    | 2      | -                | -                  | -           |
| Ariz.            | 1           | 2                          | 1            | -                    | 324                     | 236         | 7                          | 5    | 4      | 1                | 1                  | -           |
| Utah             | -           | -                          | -            | -                    | 44                      | 35          | 1                          | 1    | -      | -                | -                  | -           |
| Nev.             | 3           | -                          | -            | -                    | 138                     | 171         | 6                          | 3    | -      | -                | -                  | -           |
| PACIFIC          | 142         | 13                         | 4            | -                    | 4,613                   | 4,013       | 187                        | 106  | 20     | 54               | 3                  | 13          |
| Wash.            | 6           | 4                          | -            | -                    | 147                     | 271         | 20                         | 16   | 7      | 2                | -                  | -           |
| Oreg.            | 2           | -                          | -            | -                    | 150                     | 224         | 38                         | 2    | 2      | -                | -                  | -           |
| Calif.           | 132         | 9                          | 3            | -                    | 4,167                   | 3,394       | 126                        | 84   | 11     | 52               | 3                  | 13          |
| Alaska           | -           | -                          | 1            | -                    | 90                      | 75          | -                          | -    | -      | -                | -                  | -           |
| Hawaii           | 2           | -                          | -            | -                    | 59                      | 49          | 3                          | 4    | -      | -                | -                  | -           |
| Guam             | -           | U                          | -            | -                    | -                       | 6           | U                          | U    | U      | U                | U                  | -           |
| P.R.             | -           | 2                          | -            | -                    | 60                      | 23          | 1                          | 9    | -      | 1                | -                  | -           |
| V.I.             | -           | U                          | -            | -                    | -                       | 13          | U                          | U    | U      | U                | U                  | -           |
| Pac. Trust Terr. | -           | U                          | -            | -                    | -                       | -           | U                          | U    | U      | U                | U                  | -           |
| Amer Samoa       | -           | U                          | -            | -                    | -                       | -           | U                          | U    | U      | U                | U                  | -           |

N Not notifiable

U Unavailable



TABLE III. (Cont'd.) Cases of specified notifiable diseases, United States, weeks ending  
January 11, 1986 and January 12, 1985 (2nd Week)

| Reporting Area   | Malaria | Measles (Rubella) |           |            |           |           | Meningococcal Infections | Mumps |           | Pertussis |           |      | Rubella |           |      |
|------------------|---------|-------------------|-----------|------------|-----------|-----------|--------------------------|-------|-----------|-----------|-----------|------|---------|-----------|------|
|                  |         | Indigenous        |           | Imported * |           | Total     |                          | 1986  | Cum. 1986 | 1986      | Cum. 1986 | 1985 | 1986    | Cum. 1986 | 1985 |
|                  |         | 1986              | Cum. 1986 | 1986       | Cum. 1986 | Cum. 1985 |                          |       |           |           |           |      |         |           |      |
| UNITED STATES    | 13      | 25                | 25        | 2          | 2         | 15        | 89                       | 47    | 56        | 25        | 47        | 39   | 5       | 6         | 9    |
| NEW ENGLAND      | -       | -                 | -         | -          | -         | -         | 7                        | 2     | 2         | 2         | 4         | -    | -       | -         | 1    |
| Maine            | -       | -                 | -         | -          | -         | -         | 3                        | -     | -         | -         | 1         | -    | -       | -         | -    |
| N.H.             | -       | -                 | -         | -          | -         | -         | -                        | 1     | 1         | 2         | 2         | -    | -       | -         | 1    |
| Vt.              | -       | -                 | -         | -          | -         | -         | 2                        | -     | -         | -         | -         | -    | -       | -         | -    |
| Mass.            | -       | -                 | -         | -          | -         | -         | -                        | -     | -         | -         | 1         | -    | -       | -         | -    |
| R.I.             | -       | -                 | -         | -          | -         | -         | -                        | 1     | 1         | -         | -         | -    | -       | -         | -    |
| Conn.            | -       | -                 | -         | -          | -         | -         | 2                        | -     | -         | -         | -         | -    | -       | -         | -    |
| MID ATLANTIC     | 2       | -                 | -         | 1          | 1         | -         | 15                       | 5     | 5         | 12        | 14        | 2    | 1       | 1         | 4    |
| Update N.Y.      | -       | -                 | -         | 1          | 1         | -         | -                        | 2     | 2         | 8         | 8         | 1    | 1       | 1         | -    |
| N.Y. City        | 1       | -                 | -         | -          | -         | -         | 8                        | -     | -         | -         | -         | 1    | -       | -         | 3    |
| N.J.             | -       | -                 | -         | -          | -         | -         | 2                        | 2     | 2         | -         | -         | -    | -       | -         | 1    |
| Pa.              | 1       | -                 | -         | -          | -         | -         | 5                        | 1     | 1         | 4         | 6         | -    | -       | -         | -    |
| E.N. CENTRAL     | -       | -                 | -         | -          | -         | 9         | 9                        | 26    | 26        | -         | 1         | 18   | -       | -         | -    |
| Ohio             | -       | -                 | -         | -          | -         | -         | 5                        | -     | -         | -         | -         | 3    | -       | -         | -    |
| Ind.             | -       | -                 | -         | -          | -         | -         | 1                        | -     | -         | -         | -         | 8    | -       | -         | -    |
| Ill.             | -       | -                 | -         | -          | -         | -         | -                        | 23    | 23        | -         | -         | -    | -       | -         | -    |
| Mich.            | -       | -                 | -         | -          | -         | -         | 3                        | 3     | 3         | -         | -         | -    | -       | -         | -    |
| Wis.             | -       | -                 | -         | -          | -         | 9         | -                        | -     | -         | -         | 1         | 7    | -       | -         | -    |
| W.N. CENTRAL     | -       | 20                | 20        | -          | -         | -         | 5                        | 4     | 5         | 2         | 6         | 1    | -       | -         | -    |
| Minn.            | -       | -                 | -         | -          | -         | -         | -                        | -     | 1         | -         | 3         | -    | -       | -         | -    |
| Iowa             | -       | -                 | -         | -          | -         | -         | 1                        | -     | 1         | -         | 1         | -    | -       | -         | -    |
| Mo.              | -       | -                 | -         | -          | -         | -         | 4                        | 1     | 1         | -         | -         | -    | -       | -         | -    |
| N. Dak.          | -       | -                 | -         | -          | -         | -         | -                        | -     | -         | -         | -         | -    | -       | -         | -    |
| S. Dak.          | -       | -                 | -         | -          | -         | -         | -                        | -     | -         | -         | -         | -    | -       | -         | -    |
| Nebr.            | -       | -                 | -         | -          | -         | -         | -                        | -     | -         | -         | -         | -    | -       | -         | -    |
| Kans.            | -       | 20                | 20        | -          | -         | -         | -                        | 3     | 3         | 1         | 2         | 1    | -       | -         | -    |
| S. ATLANTIC      | 2       | -                 | -         | -          | -         | -         | 9                        | 6     | 9         | 1         | 5         | 2    | -       | -         | 1    |
| Del.             | -       | -                 | -         | -          | -         | -         | -                        | -     | -         | -         | -         | -    | -       | -         | -    |
| Md.              | -       | -                 | -         | -          | -         | -         | -                        | -     | -         | -         | -         | 1    | -       | -         | -    |
| D.C.             | -       | -                 | -         | -          | -         | -         | -                        | -     | -         | -         | -         | -    | -       | -         | -    |
| Va.              | 2       | -                 | -         | -          | -         | -         | 1                        | 1     | 3         | -         | 2         | -    | -       | -         | -    |
| W. Va.           | -       | -                 | -         | -          | -         | -         | -                        | 4     | 5         | -         | -         | -    | -       | -         | -    |
| N.C.             | -       | -                 | -         | -          | -         | -         | 4                        | -     | -         | -         | 2         | 1    | -       | -         | -    |
| S.C.             | -       | -                 | -         | -          | -         | -         | 4                        | 1     | 1         | 1         | 1         | -    | -       | -         | 1    |
| Ga.              | -       | -                 | -         | -          | -         | -         | -                        | -     | -         | -         | -         | -    | -       | -         | -    |
| Fla.             | -       | -                 | -         | -          | -         | -         | -                        | -     | -         | -         | -         | -    | -       | -         | -    |
| E.S. CENTRAL     | -       | -                 | -         | -          | -         | -         | 11                       | 2     | 2         | 2         | 3         | -    | -       | 1         | -    |
| Ky.              | -       | -                 | -         | -          | -         | -         | 6                        | 2     | 2         | 1         | 1         | -    | -       | 1         | -    |
| Tenn.            | -       | -                 | -         | -          | -         | -         | 1                        | -     | -         | -         | 1         | -    | -       | -         | -    |
| Ala.             | -       | -                 | -         | -          | -         | -         | 4                        | -     | -         | 1         | 1         | -    | -       | -         | -    |
| Miss.            | -       | -                 | -         | -          | -         | -         | -                        | -     | -         | -         | -         | -    | -       | -         | -    |
| W.S. CENTRAL     | -       | -                 | -         | -          | -         | -         | 2                        | -     | -         | -         | -         | 3    | -       | -         | -    |
| Ark.             | -       | -                 | -         | -          | -         | -         | -                        | -     | -         | -         | -         | 3    | -       | -         | -    |
| La.              | -       | -                 | -         | -          | -         | -         | -                        | -     | -         | -         | -         | -    | -       | -         | -    |
| Okla.            | -       | -                 | -         | -          | -         | -         | 2                        | N     | N         | -         | -         | -    | -       | -         | -    |
| Tex.             | -       | -                 | -         | -          | -         | -         | -                        | -     | -         | -         | -         | -    | -       | -         | -    |
| MOUNTAIN         | -       | -                 | -         | -          | -         | 1         | 7                        | -     | 3         | 1         | 4         | 1    | -       | -         | -    |
| Mont.            | -       | -                 | -         | -          | -         | 1         | 1                        | -     | -         | -         | -         | -    | -       | -         | -    |
| Idaho            | -       | -                 | -         | -          | -         | -         | -                        | -     | -         | -         | -         | -    | -       | -         | -    |
| Wyo.             | -       | -                 | -         | -          | -         | -         | -                        | -     | -         | -         | -         | -    | -       | -         | -    |
| Colo.            | -       | -                 | -         | -          | -         | -         | -                        | -     | -         | -         | 1         | -    | -       | -         | -    |
| N. Mex.          | -       | -                 | -         | -          | -         | -         | 2                        | N     | N         | 1         | 1         | 1    | -       | -         | -    |
| Ariz.            | -       | -                 | -         | -          | -         | -         | 1                        | -     | 2         | -         | 2         | -    | -       | -         | -    |
| Utah             | -       | -                 | -         | -          | -         | -         | 1                        | -     | 1         | -         | -         | -    | -       | -         | -    |
| Nev.             | -       | -                 | -         | -          | -         | -         | 2                        | -     | -         | -         | -         | -    | -       | -         | -    |
| PACIFIC          | 9       | 5                 | 5         | 1          | 1         | 5         | 24                       | 2     | 4         | 5         | 10        | 12   | 4       | 4         | 3    |
| Wash.            | -       | -                 | -         | -          | -         | 1         | 7                        | -     | 3         | 5         | -         | -    | -       | -         | -    |
| Oreg.            | -       | -                 | -         | -          | -         | -         | 3                        | N     | N         | -         | -         | -    | -       | -         | -    |
| Calif.           | 9       | 5                 | 5         | 1          | 1         | 4         | 13                       | 2     | 4         | 2         | 5         | 12   | 4       | 4         | 3    |
| Alaska           | -       | -                 | -         | -          | -         | -         | 1                        | -     | -         | -         | -         | -    | -       | -         | -    |
| Hawaii           | -       | -                 | -         | -          | -         | -         | -                        | -     | -         | -         | -         | -    | -       | -         | -    |
| Guam             | -       | U                 | -         | U          | -         | 7         | -                        | U     | -         | U         | -         | -    | U       | -         | -    |
| P.R.             | -       | U                 | -         | U          | -         | 7         | -                        | U     | -         | U         | -         | -    | U       | -         | -    |
| V.I.             | -       | U                 | -         | U          | -         | -         | -                        | U     | -         | U         | -         | -    | U       | -         | -    |
| Pac. Trust Terr. | -       | U                 | -         | U          | -         | -         | -                        | U     | -         | U         | -         | -    | U       | -         | -    |
| Amer. Samoa      | -       | U                 | -         | U          | -         | -         | -                        | U     | -         | U         | -         | -    | U       | -         | -    |

\*For measles only, imported cases includes both out-of-state and international importations.

N Not notifiable U Unavailable <sup>1</sup>International <sup>2</sup>Out-of-state



TABLE III. (Cont'd.) Cases of specified notifiable diseases, United States, weeks ending January 11, 1986 and January 12, 1985 (2nd Week)

| Reporting Area   | Syphilis (Civilian)<br>(Primary & Secondary) |             | Toxic-<br>shock<br>Syndrome | Tuberculosis |             | Tula-<br>remia | Typhoid<br>Fever | Typhus Fever<br>(Tick-borne)<br>(RMSF) | Rabies,<br>Animal |
|------------------|--|-------------|-----------------------------|--------------|-------------|----------------|------------------|--|-------------------|
|                  | Cum<br>1986                                  | Cum<br>1985 | 1986                        | Cum<br>1986  | Cum<br>1985 | Cum<br>1986    | Cum<br>1986      | Cum<br>1986                            | Cum<br>1986       |
| UNITED STATES    | 634  | 686         | 4                           | 372          | 375         | 3              | 7                | 2                                      | 119               |
| NEW ENGLAND      | 15   | 15          | 1                           | 9            | 15          | -              | 1                | 1                                      | -                 |
| Maine            | -  | -           | -                           | 1            | 1           | -              | -                | -                                      | -                 |
| N.H.             | -  | -           | -                           | -            | 3           | -              | -                | -                                      | -                 |
| Vt.              | -  | -           | -                           | 1            | -           | -              | -                | -                                      | -                 |
| Mass.            | 6  | 7           | 1                           | -            | 9           | -              | 1                | 1                                      | -                 |
| R.I.             | -  | -           | -                           | -            | -           | -              | -                | -                                      | -                 |
| Conn.            | 9  | 8           | -                           | 7            | 2           | -              | -                | -                                      | -                 |
| MID ATLANTIC     | 74   | 78          | -                           | 83           | 101         | -              | 2                | -                                      | 11                |
| Upstate N.Y.     | 1  | -           | -                           | 10           | 5           | -              | -                | -                                      | 3                 |
| N.Y. City        | 57   | 57          | -                           | 33           | 62          | -              | 2                | -                                      | -                 |
| N.J.             | 13   | 18          | -                           | 23           | -           | -              | -                | -                                      | -                 |
| Pa.              | 3  | 3           | -                           | 17           | 34          | -              | -                | -                                      | 8                 |
| E.N. CENTRAL     | 8  | 29          | 1                           | 39           | 43          | -              | 2                | -                                      | 2                 |
| Ohio             | -  | 3           | 1                           | 7            | 14          | -              | -                | -                                      | -                 |
| Ind.             | 8  | 4           | -                           | -            | 1           | -              | -                | -                                      | -                 |
| Ill.             | -  | 13          | -                           | 27           | 28          | -              | -                | -                                      | -                 |
| Mich.            | -  | 6           | -                           | -            | -           | -              | 2                | -                                      | 1                 |
| Wis.             | -  | 3           | -                           | 5            | -           | -              | -                | -                                      | 1                 |
| W.N. CENTRAL     | 6  | 9           | 1                           | 11           | 6           | 3              | -                | -                                      | 6                 |
| Minn.            | 1  | -           | -                           | 1            | -           | -              | -                | -                                      | -                 |
| Iowa             | 2  | 1           | -                           | -            | 4           | 1              | -                | -                                      | 5                 |
| Mo.              | 1  | 6           | -                           | 2            | -           | 2              | -                | -                                      | -                 |
| N. Dak.          | 2  | -           | -                           | 1            | -           | -              | -                | -                                      | 1                 |
| S. Dak.          | -  | -           | 1                           | -            | 1           | -              | -                | -                                      | -                 |
| Nebr.            | -  | 1           | -                           | -            | 1           | -              | -                | -                                      | -                 |
| Kans.            | -  | 1           | -                           | 7            | 1           | -              | -                | -                                      | -                 |
| S. ATLANTIC      | 160  | 148         | -                           | 70           | 49          | -              | -                | -                                      | 23                |
| Del.             | -  | 2           | -                           | -            | 1           | -              | -                | -                                      | -                 |
| Md.              | 17   | 19          | -                           | -            | 7           | 3              | -                | -                                      | 14                |
| D.C.             | 7  | 5           | -                           | 6            | 4           | -              | -                | -                                      | -                 |
| Va.              | 26   | 10          | -                           | -            | 7           | -              | -                | -                                      | -                 |
| W. Va.           | 1  | -           | -                           | -            | -           | -              | -                | -                                      | -                 |
| N.C.             | 19   | 28          | -                           | 17           | 4           | -              | -                | -                                      | 1                 |
| S.C.             | 38   | 22          | -                           | 8            | 14          | -              | -                | -                                      | 2                 |
| Ga.              | -  | -           | -                           | -            | -           | -              | -                | -                                      | 6                 |
| Fla.             | 52   | 62          | -                           | 32           | 16          | -              | -                | -                                      | -                 |
| E.S. CENTRAL     | 40   | 72          | -                           | 40           | 37          | -              | -                | 1                                      | 3                 |
| Ky.              | 3  | 2           | -                           | 4            | 8           | -              | -                | -                                      | -                 |
| Tenn.            | 18   | 20          | -                           | 3            | 10          | -              | -                | -                                      | -                 |
| Ala.             | 19   | 19          | -                           | 33           | 19          | -              | -                | 1                                      | 3                 |
| Miss.            | -  | 31          | -                           | -            | -           | -              | -                | -                                      | -                 |
| W.S. CENTRAL     | 168  | 161         | -                           | 15           | 10          | -              | -                | -                                      | 8                 |
| Ark.             | 10   | 10          | -                           | 9            | -           | -              | -                | -                                      | 1                 |
| La.              | 33   | 39          | -                           | -            | 8           | -              | -                | -                                      | -                 |
| Okla.            | -  | 2           | -                           | 6            | -           | -              | -                | -                                      | 1                 |
| Tex.             | 125  | 110         | -                           | -            | 2           | -              | -                | -                                      | 6                 |
| MOUNTAIN         | 14   | 35          | 1                           | 9            | 5           | -              | -                | -                                      | 52                |
| Mont.            | -  | -           | -                           | -            | -           | -              | -                | -                                      | 22                |
| Idaho            | -  | -           | 1                           | -            | -           | -              | -                | -                                      | -                 |
| Wyo.             | -  | -           | -                           | -            | -           | -              | -                | -                                      | -                 |
| Colo.            | 8  | 6           | -                           | -            | -           | -              | -                | -                                      | 26                |
| N. Mex.          | -  | -           | -                           | -            | -           | -              | -                | -                                      | -                 |
| Ariz.            | 6  | 29          | -                           | 2            | -           | -              | -                | -                                      | 1                 |
| Utah             | -  | -           | -                           | 3            | 4           | -              | -                | -                                      | 3                 |
| Nev.             | -  | -           | -                           | 4            | 1           | -              | -                | -                                      | -                 |
| PACIFIC          | 149  | 139         | -                           | 98           | 109         | -              | 2                | -                                      | 14                |
| Wash.            | -  | 4           | -                           | 7            | 4           | -              | -                | -                                      | -                 |
| Oreg.            | 3  | 8           | -                           | 5            | 1           | -              | -                | -                                      | -                 |
| Calif.           | 144  | 123         | -                           | 82           | 101         | -              | 1                | -                                      | 14                |
| Alaska           | -  | -           | -                           | -            | -           | -              | -                | -                                      | -                 |
| Hawaii           | 2  | 4           | -                           | 2            | 3           | -              | 1                | -                                      | -                 |
| Guam             | -  | -           | -                           | -            | -           | -              | -                | -                                      | -                 |
| P.R.             | 25   | 3           | U                           | -            | 2           | -              | -                | -                                      | -                 |
| V.I.             | -  | -           | U                           | 6            | 2           | -              | -                | -                                      | 1                 |
| Pac. Trust Terr. | -  | -           | U                           | -            | -           | -              | -                | -                                      | -                 |
| Amer. Samoa      | -  | -           | U                           | -            | -           | -              | -                | -                                      | -                 |

U Unavailable

TABLE IV. Deaths in 121 U.S. cities,\* week ending  
January 11, 1986 (2nd Week)

| Reporting Area      | All Causes, By Age (Years) |       |       |       |      |    | P&I** Total | Reporting Area        | All Causes, By Age (Years) |        |       |       |      |     | P&I** Total |
|---------------------|----------------------------|-------|-------|-------|------|----|-------------|-----------------------|----------------------------|--------|-------|-------|------|-----|-------------|
|                     | All Ages                   | ≥65   | 45-64 | 25-44 | 1-24 | <1 |             |                       | All Ages                   | ≥65    | 45-64 | 25-44 | 1-24 | <1  |             |
| NEW ENGLAND         | 850                        | 566   | 174   | 57    | 18   | 35 | 81          | S. ATLANTIC           | 1,631                      | 1,002  | 411   | 122   | 47   | 47  | 74          |
| Boston, Mass.       | 227                        | 119   | 61    | 24    | 9    | 14 | 31          | Atlanta, Ga.          | 268                        | 155    | 79    | 25    | 7    | 2   | 6           |
| Bridgeport, Conn.   | 65                         | 45    | 11    | 5     | 2    | 2  | 3           | Baltimore, Md.        | 250                        | 156    | 58    | 19    | 9    | 8   | 7           |
| Cambridge, Mass.    | 33                         | 30    | 3     | -     | -    | -  | 4           | Charlotte, N.C.       | 126                        | 82     | 30    | 7     | 3    | 4   | 10          |
| Fall River, Mass.   | 32                         | 26    | 5     | 1     | -    | -  | -           | Jacksonville, Fla.    | 160                        | 101    | 37    | 8     | 10   | 4   | 12          |
| Hartford, Conn.     | 84                         | 54    | 20    | 7     | 1    | 2  | 4           | Miami, Fla.           | 167                        | 96     | 43    | 19    | 5    | 4   | 2           |
| Lowell, Mass.       | 37                         | 29    | 7     | 1     | -    | -  | 6           | Norfolk, Va.          | 81                         | 47     | 23    | 6     | 1    | 4   | 5           |
| Lynn, Mass.         | 24                         | 19    | 5     | -     | -    | -  | -           | Richmond, Va.         | 111                        | 64     | 27    | 12    | 5    | 3   | 6           |
| New Bedford, Mass.  | 25                         | 20    | 5     | -     | -    | -  | 3           | Savannah, Ga.         | 56                         | 41     | 10    | 2     | -    | 3   | 3           |
| New Haven, Conn.    | 56                         | 32    | 11    | 4     | 1    | 8  | 2           | St. Petersburg, Fla.  | 121                        | 91     | 24    | 3     | 2    | 1   | 7           |
| Providence, R.I.    | 102                        | 73    | 23    | 3     | -    | 3  | 12          | Tampa, Fla.           | 110                        | 64     | 28    | 7     | 2    | 8   | 10          |
| Somerville, Mass.   | 5                          | 4     | 1     | -     | -    | -  | -           | Washington, D.C.      | 124                        | 63     | 41    | 11    | 3    | 5   | 4           |
| Springfield, Mass.  | 45                         | 34    | 5     | 3     | 1    | 2  | 7           | Wilmington, Del.      | 57                         | 42     | 11    | 3     | -    | 1   | 2           |
| Waterbury, Conn.    | 41                         | 30    | 5     | 2     | 4    | -  | 5           |                       |                            |        |       |       |      |     |             |
| Worcester, Mass.    | 74                         | 51    | 12    | 7     | -    | 4  | 3           |                       |                            |        |       |       |      |     |             |
| MID ATLANTIC        | 3,053                      | 2,042 | 609   | 276   | 69   | 55 | 173         | E.S. CENTRAL          | 1,067                      | 687    | 239   | 77    | 27   | 37  | 57          |
| Albany, N.Y.        | 64                         | 41    | 15    | 5     | 2    | 1  | 5           | Birmingham, Ala.      | 154                        | 88     | 40    | 11    | 5    | 10  | 5           |
| Albion, N.Y.        | 15                         | 12    | 1     | 1     | 1    | -  | -           | Chattanooga, Tenn.    | 106                        | 66     | 27    | 6     | 4    | 3   | 5           |
| Buffalo, N.Y.       | 126                        | 91    | 20    | 4     | 2    | 8  | 11          | Knoxville, Tenn.      | 110                        | 76     | 19    | 10    | 4    | 1   | 7           |
| Camden, N.J.        | 63                         | 42    | 12    | 5     | 2    | 2  | 3           | Louisville, Ky.       | 124                        | 91     | 26    | 5     | 1    | 1   | 5           |
| Elizabeth, N.J.     | 27                         | 22    | 3     | 2     | -    | -  | 2           | Memphis, Tenn.        | 216                        | 133    | 52    | 20    | 10   | 1   | 17          |
| Erie, Pa.           | 56                         | 39    | 14    | 1     | 1    | 1  | 2           | Mobile, Ala.          | 99                         | 62     | 25    | 9     | -    | 3   | 4           |
| Jersey City, N.J.   | 58                         | 38    | 14    | 1     | 1    | 4  | 1           | Montgomery, Ala.      | 85                         | 55     | 15    | 3     | 2    | 10  | 4           |
| N.Y. City, N.Y.     | 1,635                      | 1,065 | 312   | 190   | 41   | 21 | 96          | Nashville, Tenn.      | 173                        | 116    | 35    | 13    | 1    | 8   | 10          |
| Newark, N.J.        | 99                         | 47    | 29    | 15    | 3    | 4  | 3           |                       |                            |        |       |       |      |     |             |
| Paterson, N.J.      | 36                         | 29    | 3     | 3     | -    | 1  | 6           | W.S. CENTRAL          | 1,550                      | 940    | 357   | 148   | 57   | 48  | 80          |
| Philadelphia, Pa.   | 408                        | 274   | 94    | 27    | 5    | 8  | 18          | Austin, Tex.          | 73                         | 42     | 15    | 11    | 4    | 1   | 9           |
| Pittsburgh, Pa.     | 64                         | 42    | 14    | 3     | 4    | 1  | 3           | Baton Rouge, La.      | 48                         | 30     | 11    | 3     | 1    | 3   | 2           |
| Reading, Pa.        | 35                         | 25    | 10    | -     | -    | -  | 2           | Corpus Christi, Tex.  | 48                         | 30     | 10    | 3     | 3    | 2   | 4           |
| Rochester, N.Y.     | 135                        | 101   | 23    | 7     | 1    | 8  | 16          | Dallas, Tex.          | 274                        | 158    | 70    | 24    | 9    | 13  | 6           |
| Schenectady, N.Y.   | 42                         | 30    | 7     | 3     | 2    | -  | 3           | El Paso, Tex.         | 83                         | 50     | 16    | 7     | 3    | 2   | 7           |
| Scranton, Pa.       | 34                         | 18    | 4     | 2     | -    | -  | 1           | Fort Worth, Tex.      | 157                        | 103    | 33    | 13    | 3    | 5   | 10          |
| Syracuse, N.Y.      | 90                         | 66    | 17    | 3     | 1    | 3  | 5           | Houston, Tex.         | 292                        | 171    | 75    | 34    | 8    | 4   | 7           |
| Trenton, N.J.       | 11                         | 7     | 2     | 2     | -    | -  | 1           | Little Rock, Ark.     | 94                         | 60     | 18    | 9     | 3    | 4   | 8           |
| Utica, N.Y.         | 26                         | 23    | 3     | -     | -    | -  | 1           | New Orleans, La.      | 64                         | 40     | 14    | 9     | -    | 1   | 1           |
| Yonkers, N.Y.       | 39                         | 30    | 6     | 2     | 1    | -  | 2           | San Antonio, Tex.     | 242                        | 147    | 65    | 16    | 9    | 5   | 19          |
|                     |                            |       |       |       |      |    |             | Shreveport, La.       | 73                         | 42     | 13    | 10    | 4    | 4   | 2           |
|                     |                            |       |       |       |      |    |             | Tulsa, Okla.          | 102                        | 67     | 17    | 9     | 5    | 4   | 5           |
| E.N. CENTRAL        | 2,855                      | 1,998 | 520   | 160   | 81   | 95 | 138         | MOUNTAIN              | 823                        | 544    | 165   | 58    | 27   | 27  | 44          |
| Akron, Ohio         | 62                         | 39    | 11    | 3     | 4    | 5  | 3           | Albuquerque, N.Mex.   | 108                        | 74     | 15    | 8     | 4    | 5   | 7           |
| Canton, Ohio        | 45                         | 28    | 14    | 3     | -    | -  | 10          | Colo. Springs, Colo.  | 56                         | 37     | 12    | 6     | 1    | -   | 6           |
| Chicago, Ill.       | 553                        | 462   | 11    | 26    | 16   | 37 | 16          | Denver, Colo.         | 150                        | 91     | 34    | 15    | 5    | 5   | 6           |
| Cincinnati, Ohio    | 142                        | 100   | 36    | 3     | 2    | 1  | 16          | Las Vegas, Nev.       | 94                         | 59     | 27    | 6     | 1    | 1   | 7           |
| Cleveland, Ohio     | 223                        | 149   | 51    | 13    | 6    | 4  | 1           | Ogden, Utah           | 25                         | 22     | 1     | 1     | -    | 1   | 3           |
| Columbus, Ohio      | 168                        | 97    | 48    | 11    | 8    | 4  | 8           | Phoenix, Ariz.        | 172                        | 115    | 35    | 10    | 9    | 3   | 3           |
| Dayton, Ohio        | 169                        | 104   | 51    | 6     | 4    | 4  | 1           | Pueblo, Colo.         | 22                         | 15     | 6     | 1     | -    | -   | 1           |
| Detroit, Mich.      | 376                        | 220   | 79    | 47    | 20   | 10 | 10          | Salt Lake City, Utah  | 56                         | 35     | 11    | 2     | 4    | 4   | 1           |
| Evansville, Ind.    | 67                         | 48    | 12    | 3     | 2    | 6  | 6           | Tucson, Ariz.         | 140                        | 96     | 24    | 9     | 3    | 8   | 10          |
| Fort Wayne, Ind.    | 98                         | 67    | 19    | 7     | 3    | 2  | 4           |                       |                            |        |       |       |      |     |             |
| Gary, Ind.          | 33                         | 20    | 7     | 1     | 5    | -  | 3           | FACIFIC               | 2,565                      | 1,779  | 478   | 169   | 72   | 61  | 165         |
| Grand Rapids, Mich. | 47                         | 35    | 8     | 1     | -    | 3  | 9           | Berkeley, Calif.      | 26                         | 19     | 4     | 1     | 1    | 1   | 2           |
| Indianapolis, Ind.  | 241                        | 167   | 49    | 12    | 8    | 8  | 4           | Fresno, Calif.        | 120                        | 82     | 21    | 7     | 3    | 7   | 18          |
| Madison, Wis.       | 25                         | 17    | 4     | 2     | -    | 2  | 3           | Glendale, Calif.      | 27                         | 20     | 5     | 1     | 1    | -   | 4           |
| Milwaukee, Wis.     | 213                        | 153   | 45    | 11    | -    | 4  | 8           | Honolulu, Hawaii      | 94                         | 69     | 13    | 4     | 5    | 3   | 4           |
| Peoria, Ill.        | 43                         | 35    | 7     | -     | -    | 1  | 7           | Long Beach, Calif.    | 112                        | 71     | 25    | 10    | 2    | 4   | 16          |
| Rockford, Ill.      | 74                         | 58    | 10    | 2     | 3    | 1  | 9           | Los Angeles, Calif.   | 711                        | 487    | 138   | 51    | 23   | 6   | 22          |
| South Bend, Ind.    | 66                         | 39    | 18    | 6     | 2    | 1  | 6           | Oakland, Calif.       | 90                         | 64     | 12    | 6     | 4    | 4   | 4           |
| Toledo, Ohio        | 135                        | 98    | 30    | 3     | -    | 4  | 9           | Pasadena, Calif.      | 60                         | 46     | 7     | 2     | 5    | 5   | 3           |
| Youngstown, Ohio    | 75                         | 62    | 10    | -     | 1    | 2  | 3           | Portland, Ore.        | 182                        | 127    | 38    | 10    | 5    | 2   | 15          |
|                     |                            |       |       |       |      |    |             | Sacramento, Calif.    | 168                        | 111    | 34    | 11    | 6    | 6   | 11          |
| W.N. CENTRAL        | 910                        | 643   | 171   | 44    | 18   | 34 | 56          | San Diego, Calif.     | 229                        | 165    | 38    | 15    | 6    | 5   | 21          |
| Des Moines, Iowa    | 77                         | 58    | 12    | 4     | -    | 3  | 8           | San Francisco, Calif. | 188                        | 130    | 29    | 19    | 3    | 7   | 9           |
| Duluth, Minn.       | 34                         | 24    | 8     | 2     | -    | -  | 4           | San Jose, Calif.      | 197                        | 134    | 41    | 13    | 5    | 4   | 15          |
| Kansas City, Kans.  | 48                         | 36    | 6     | 4     | 2    | -  | 3           | Seattle, Wash.        | 214                        | 149    | 41    | 14    | 6    | 4   | 6           |
| Kansas City, Mo.    | 138                        | 95    | 29    | 5     | 2    | 6  | 11          | Spokane, Wash.        | 75                         | 48     | 22    | 2     | 1    | 2   | 3           |
| Lincoln, Nebr.      | 34                         | 23    | 9     | 1     | -    | 1  | 3           | Tacoma, Wash.         | 72                         | 57     | 10    | 3     | 1    | 1   | 12          |
| Minneapolis, Minn.  | 115                        | 77    | 25    | 7     | 3    | 3  | 4           |                       |                            |        |       |       |      |     |             |
| Omaha, Nebr.        | 99                         | 67    | 22    | 4     | 1    | 5  | 6           | TOTAL                 | 15,304                     | 10,201 | 3,124 | 1,111 | 416  | 439 | 868         |
| St. Louis, Mo.      | 169                        | 125   | 26    | 6     | 5    | 7  | 8           |                       |                            |        |       |       |      |     |             |
| St. Paul, Minn.     | 80                         | 60    | 12    | 4     | 1    | 3  | 3           |                       |                            |        |       |       |      |     |             |
| Wichita, Kans.      | 110                        | 77    | 22    | 7     | 4    | 6  | 6           |                       |                            |        |       |       |      |     |             |

\* Mortality data in this table are voluntarily reported from 121 cities in the United States, most of which have populations of 100,000 or more. A death is reported by the place of its occurrence and by the week that the death certificate was filed. Fatal deaths are not included.

\*\* Pneumonia and influenza.

† Because of changes in reporting methods in these 3 Pennsylvania cities, these numbers are partial counts for the current week. Complete counts will be available in 4 to 6 weeks.

†† Total includes unknown ages.

‡ Data not available. Figures are estimates based on average of past 4 weeks.

**Table V. Estimated years of potential life lost before age 65 and cause-specific mortality, by cause of death — United States, 1984**

| Cause of mortality<br>(Ninth Revision ICD)             | Years of potential<br>life lost by persons<br>dying in 1984* | Cause-specific mortality†<br>(rate/100,000) |
|--|--|---|
| ALL CAUSES<br>(Total)                                  | 11,761,000   | 866.7                                       |
| Unintentional injuries‡<br>(E800-E949)                 | 2,308,000  | 40.1  |
| Malignant neoplasms<br>(140-208)                       | 1,803,000  | 191.6                                       |
| Diseases of the heart<br>(390-398, 402, 404-429)       | 1,563,000  | 324.4                                       |
| Suicide, homicide<br>(E950-E978)                       | 1,247,000  | 20.6  |
| Congenital anomalies<br>(740-759)                      | 684,000  | 5.6   |
| Prematurity§<br>(765, 769)                             | 470,000  | 3.5   |
| Sudden infant death syndrome<br>(798)                  | 314,000  | 2.4   |
| Cerebrovascular diseases<br>(430-438)                  | 266,000  | 65.6  |
| Chronic liver diseases<br>and cirrhosis<br>(571)       | 233,000  | 11.3  |
| Pneumonia and influenza<br>(480-487)                   | 163,000  | 25.0  |
| Chronic obstructive<br>pulmonary diseases<br>(490-496) | 123,000  | 29.8  |
| Diabetes mellitus<br>(250)                             | 119,000  | 15.6  |

\*Years of potential life lost before age 65 for persons dying in the year are derived from the number of deaths in each age category as reported by the National Center for Health Statistics, *Monthly Vital Statistics Report* (MVSRI), Vol. 33, No. 13, September 26, 1985, multiplied by the difference between age 65 years and the age at the midpoint of each category. As a measure of mortality, "Years of potential life lost" underestimate the importance of diseases that contribute to death without being the underlying cause of death.

†Cause-specific mortality rates as reported in the MVSRI are compiled from a 10% sample of all deaths.

‡Equivalent to accidents and adverse effects.

§Category derived from disorders relating to short gestation and respiratory distress syndrome.

### **Malaria Prophylaxis — Continued**

Reported by Malaria Br, Div of Parasitic Diseases, Center for Infectious Diseases, Div of Quarantine, Center for Prevention Svcs, CDC.

#### **References**

1. CDC. Revised recommendations for preventing malaria in travelers to areas with chloroquine-resistant *P. falciparum*. MMWR 1985;34:185-90.
2. CDC. Health information for international travel 1985. Atlanta, Georgia: Public Health Service, U.S. Department of Health and Human Services; publication no. (CDC) 85-8280.

## Update: Influenza Activity — United States, Worldwide

### UNITED STATES

Reports of influenza virus isolates, primarily representing sporadic cases, have begun to increase in the United States. Through January 13, 1986, 16 states have reported influenza isolates this season; 12 states have reported type B isolates; 10 have reported type A(H3N2); and one state, Hawaii, has reported type A(H1N1) (Figure 2).

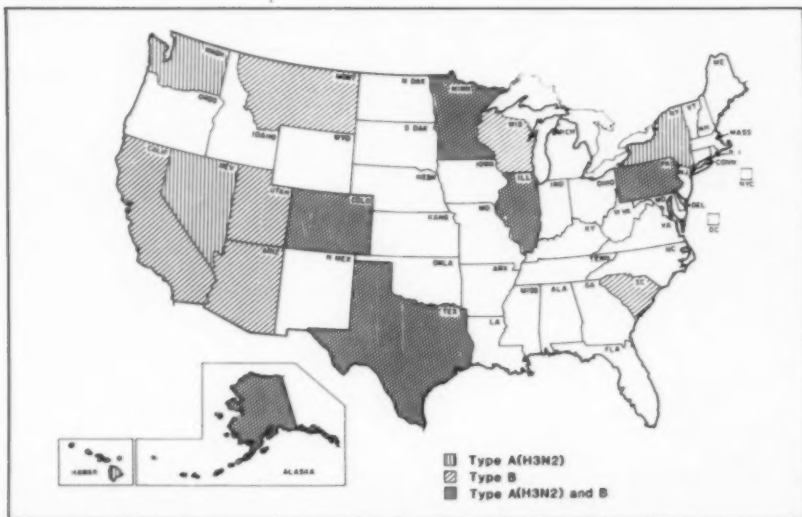
Arizona, Illinois, Minnesota, South Carolina, and Utah recently reported their first influenza virus isolates this season from patients who became ill in late December or early January. Type B influenza virus was reported from Arizona, South Carolina, and Utah; both type B and A(H3N2) viruses were reported from Illinois and Minnesota. In Colorado, where type A(H3N2) virus was isolated earlier this season, type B virus has now been reported. In Pennsylvania, where type B virus had been isolated, type A(H3N2) virus isolates have now been reported.

Alaska, the only state to report widespread outbreaks of influenza-like illness through December, reported a decrease to regional outbreaks for the week ending January 4. Nationwide, reports of influenza-like illness\* and reports of deaths associated with pneumonia and influenza from 121 U.S. cities have remained below the levels normally associated with extensive outbreaks.

Outbreaks of influenza A(H3N2) in two long-term-care facilities in upstate New York have been reported. The first occurred in a facility housing approximately 260 elderly residents, 15

\*Cases reported by those members of the American Academy of Family Physicians Research Panel who serve as sentinel physicians for influenza.

**FIGURE 2. States reporting isolates of influenza virus, by type — United States, October 1985-January 13, 1986**



\*In Hawaii, type A(H1N1) has also been isolated.

**Influenza — Continued**

of whom developed influenza-like illnesses between December 29, 1985, and January 3, 1986; throat cultures from five ill residents yielded influenza A(H3N2) viruses. The second outbreak began during the second week of January in a 330-bed nursing home. By January 10, approximately 30 residents had developed influenza-like illnesses. Preliminary results of viral cultures indicate that influenza type A(H3N2) virus also caused this outbreak. These are the first reported influenza outbreaks affecting elderly persons in U.S. residential health-care facilities this season.

**WORLDWIDE**

From September through December 1985, influenza virus types A(H3N2), A(H1N1), and B were isolated from various parts of the Northern Hemisphere and the tropics. Type A(H3N2) isolates have usually been associated with sporadic activity, although several countries reported outbreaks. Sporadic cases of type B influenza were reported from several countries, while type A(H1N1) was isolated only from sporadic cases in China and Hong Kong.

**Type A(H3N2).** Widespread outbreaks of type A(H3N2) influenza were reported in Japan, beginning in mid-October. In England, an explosive outbreak affecting approximately 50% of students occurred in a boarding school. Localized outbreaks were documented in Czechoslovakia. In Brazil, localized outbreaks were reported among the general population of Rio de Janeiro during October, but type A(H3N2) isolates from other parts of the country were associated only with sporadic cases. Jamaica, China, Switzerland, Italy, the German Democratic Republic, and the Soviet Union also reported sporadic isolates of type A(H3N2) viruses.

**Type B.** Isolates of type B virus associated with sporadic activity have been reported from Brazil, China, Korea, India, and Poland.

**Type A(H1N1).** In most parts of the world, influenza type A(H1N1) has circulated at very low levels since early 1984. In mainland China, however, more than 70% of influenza viruses isolated from May to October 1985 were type A(H1N1), although the level of activity has remained low. A few type A(H1N1) viruses have also been isolated in Hong Kong.

*Reported by J Wilkinson, MD, Good Samaritan Medical Center, Phoenix; D Woodall, Health Svcs Laboratory, GG Caldwell, MD, State Epidemiologist, Arizona Dept of Health Svcs; B Haslam, Bureau of Epidemiology, F Urry, PhD, State Public Health Lab, CR Nichols, MPA, State Epidemiologist, Utah Dept of Health; E Saxton, PhD, Viral Laboratory University of Chicago; R Murphy, Virology Laboratory, BJ Francis, MD, State Epidemiologist, Illinois Dept of Public Health; D Stiepan, MPH, H Markowitz, MD, State Laboratory Director, J Braun, MS, MT Osterholm, PhD, State Epidemiologist, Minnesota Dept of Health; A DiSalvo, MD, State Public Health Laboratory Director, RV Parker, DVM, State Epidemiologist, South Carolina Dept of Health; G Meiklejohn, MD, University of Colorado, Denver, SW Ferguson, PhD, State Epidemiologist, Colorado Dept of Health; J Schivers, Regional Clinical Laboratory of Pennsylvania, Erie, B Kleeger, PhD, State Public Health Laboratory, EJ Witte, VMD, State Epidemiologist, Pennsylvania State Dept of Health; DL Morse, MD, State Epidemiologist, New York State Dept of Health; participating physicians of the American Academy of Family Physicians; Virus Diseases Unit, World Health Organization, Geneva, Switzerland; Statistical Svcs Br, Div of Surveillance and Epidemiologic Studies, Div of Field Svcs, Epidemiology Program Office, WHO Collaborating Center for Influenza, Influenza Br, Div of Viral Diseases, Center for Infectious Diseases, CDC.*

**Changes in Premature Mortality — United States, 1983-1984**

Premature mortality in the United States, as measured by years of potential life lost before age 65 (YPLL), increased from 1983 to 1984 for the first time since 1980. Total YPLL from all causes of death increased from 11,712,000 in 1983 to 11,761,000 in 1984, a 0.4% increase. The rate of YPLL per 1,000 persons under 65 years old, however, decreased by 0.4%

**Premature Mortality — Continued**

from 1983's level to 56.5/1,000 persons. An increase of 1.5 million persons under 65 years of age accounts for this discrepancy.

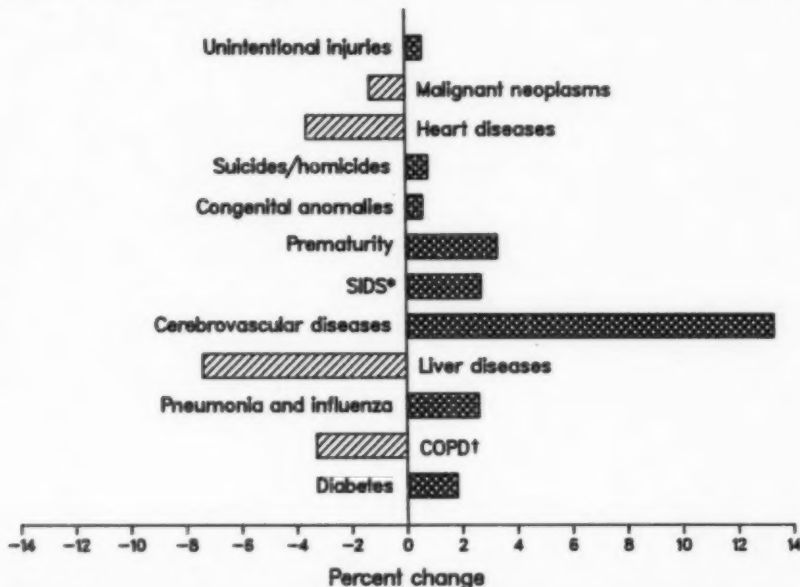
The relative rankings of the leading causes of YPLL did not change substantially from 1983 to 1984. The only change was cerebrovascular diseases replacing chronic liver diseases as the eighth leading cause of YPLL. Unintentional injuries (accidents) continue to head the list, accounting for 20% of the total YPLL, followed by malignant neoplasms (15%), diseases of the heart (13%), and suicides/homicides (11%).

The rate of YPLL per 1,000 persons increased for eight of the 12 leading causes (Figure 3). The largest proportionate increase in the rate of YPLL was recorded for cerebrovascular diseases, up 13.1%. Increases in YPLL rates were also noted for prematurity, up 3.3%; sudden infant death syndrome, 2.7%; pneumonia and influenza, 2.6%; and diabetes mellitus, 1.8%. In contrast, the rate of YPLL for chronic liver diseases and cirrhosis decreased by 7.4%; diseases of the heart declined 3.6%; chronic obstructive pulmonary diseases and allied conditions, 3.3%; and malignant neoplasms, 1.3%.

Reported by Epidemiologic Studies Br, Div of Surveillance and Epidemiologic Studies, Epidemiology Program Office, CDC.

**Editorial Note:** With this issue, CDC announces a change in the method of calculation of YPLL to include causes of mortality in the first year of life. The relatively high age-specific

**FIGURE 3. Percent change from 1983 to 1984 in rates of years of potential life lost before age 65 — United States**



\*Sudden infant death syndrome.

†Chronic obstructive pulmonary diseases and allied conditions.

*Premature Mortality — Continued*

death rate of these infants, combined with the years of life remaining before age 65, adds two new causes to the list of leading causes of YPLL—sudden infant death syndrome (ICD code 798) and deaths attributable to prematurity, including neonatal respiratory distress syndrome (ICD code 769) and disorders relating to short gestation and unspecified low birth-weight (ICD code 765). The updated Table V appears on page 27 of this issue.

The inclusion of deaths in the first year of life does not account for the increase in total YPLL from 1983 to 1984. Although total YPLL decreased each year from 1980 to 1984, the slight increase in 1984 is present when YPLL is calculated by either the birth-to-age-65-years or the age 1- to 65-years method (Figure 4). The rate of YPLL per 1,000 persons, however, has decreased each year since at least 1979 with both methods of calculation and now stands 12.3% below the 1979 level when measured from age 1 year to 65 years, and 14.1% when measured from birth to age 65 years.

Considerable variability continues to be demonstrated in the year-to-year comparison of YPLL rate due to specific causes of mortality. The rate of YPLL attributable to cerebrovascular diseases, for example, increased by 12.1% in 1984, reversing the 12.4% decline in the previous year. In contrast, the YPLL rate for unintentional injuries, which has consistently decreased from 1979 until 1984, increased by 0.4% in 1984, but remains 22.5% below the 1979 level.

**FIGURE 4. Total years of potential life lost before age 65, including and excluding deaths in the first year of life, by year — United States, 1979-1984**

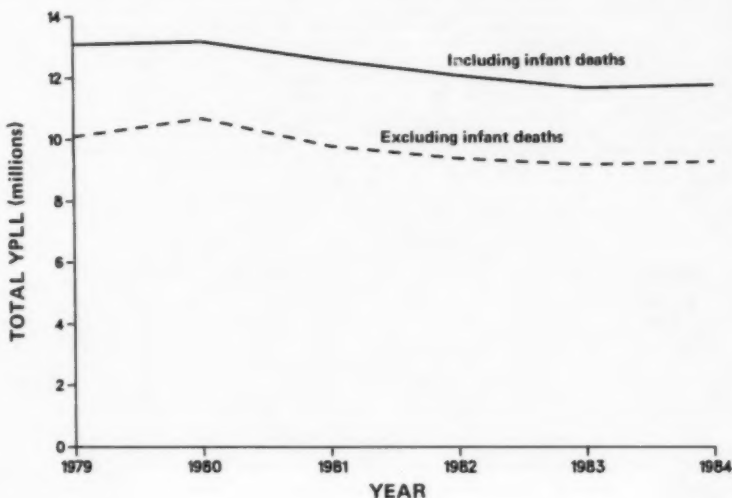




FIGURE 1. Reported measles cases — United States, weeks 50-52, 1985, and week 1, 1986



The *Morbidity and Mortality Weekly Report* is prepared by the Centers for Disease Control, Atlanta, Georgia, and available on a paid subscription basis from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. (202) 783-3238.

The data in this report are provisional, based on weekly reports to CDC by state health departments. The reporting week concludes at close of business on Friday; compiled data on a national basis are officially released to the public on the succeeding Friday.

The editor welcomes accounts of interesting cases, outbreaks, environmental hazards, or other public health problems of current interest to health officials. Such reports and any other matters pertaining to editorial or other textual considerations should be addressed to: ATTN: Editor, *Morbidity and Mortality Weekly Report*, Centers for Disease Control, Atlanta, Georgia 30333.

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DEPARTMENT OF  
HEALTH & HUMAN SERVICES  
Public Health Service  
Centers for Disease Control  
Atlanta GA 30333

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